



PATENT ABSTRACTS OF JAPAN

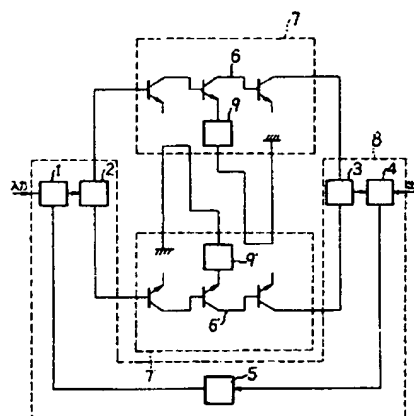
(11) Publication number: **59143408 A**(43) Date of publication of application: **17.08.1984**(51) Int. Cl. **H03F 3/68**(21) Application number: **58016692**(71) Applicant: **NEC CORP**(22) Date of filing: **03.02.1983**(72) Inventor: **SAKUYAMA ISAO****(54) NON-INSTANTANEOUS DISCONNECTION
AMPLIFIER CIRCUIT****(57) Abstract:**

PURPOSE: To remove the change of gain at the time of individual and parallel connection by forming local feedback routes connected to respective amplifier parts through the opposite amplifier part units with each other and absorbing incremental gain components at the operation of the amplifier parts when both amplifier parts connected in parallel are in operating state.

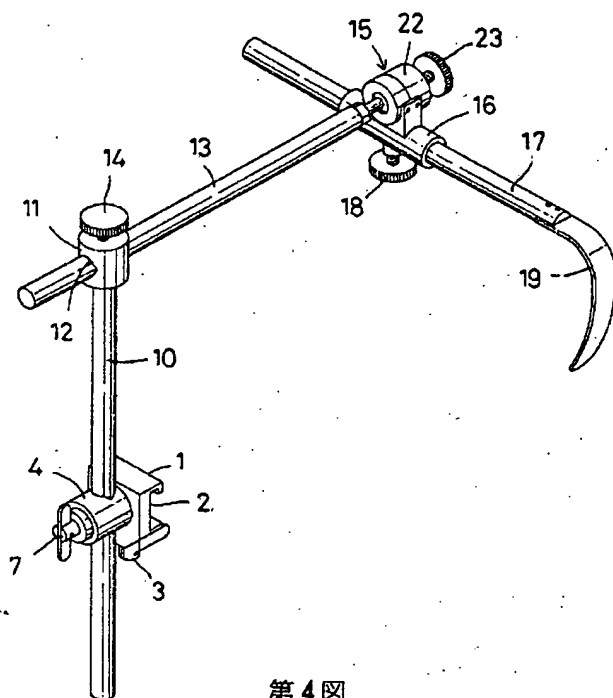
CONSTITUTION: Two amplifier parts 6, 6' having multi-amplification stages are connected in parallel through an input coupling circuit 2 and an output coupling circuit 3, and a part of an output circuit 4 is fed back to an input circuit by a main feedback circuit 5. The local feedback routes 9, 9' are connected to intermediate stage of the amplifier part 6 or 6' through the opposite amplifier part unit 7' or 7 with each other when both amplifier parts 6, 6' are in the operating state and absorb the incremental gain components at the operation of the amplifier parts. When the ampli-

fier part 6 e.g. is in operating at the time of individual connection, the circuit 9 is not connected, and when only the amplifier part 6' is in operating, the circuit 9' is also not connected. Thus, the change of gain can be removed in both individual and parallel connection of the amplifier parts.

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第1図



第4図

